

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re Application of: : Atty Docket: 02-ZAV-221  
Jan Frans Lucien CRANINCKX : APPLICATIONS BRANCH  
Serial No. (not yet assigned) :  
Filed: HEREWITH :

17548 U.S. PTO  
10/718256



For: *LOW FREQUENCY SELF-CALIBRATION OF A PLL WITH MULTIPHASE CLOCKS*

**CERTIFICATE OF EXPRESS MAIL MAILING**

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Date of Deposit: **November 20, 2003**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

I hereby certify that

☒ Application Transmittal  
☒ Fee Transmittal Form  
☒ Specification, Claims, Abstract  
☒ 1 set of 1 sheet of drawings  
☒ Unexecuted Declaration and Power of Attorney  
☒ Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to:

MS Patent Application  
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11/20/03  
Date of Deposit

Karen Taragowski  
Name of person mailing papers

Karen Taragowski  
Signature

**UTILITY PATENT APPLICATION TRANSMITTAL**

**ADDRESS TO:** Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing is the patent application of:

**INVENTOR(S):** Jan Frans Lucien CRANINCKX

**TITLE:** *LOW FREQUENCY SELF-CALIBRATION OF A PLL WITH MULTIPHASE CLOCKS*

**ASSIGNEE INFORMATION PURSUANT TO 37 C.F.R. 1.76**

**ASSIGNEE NAME:** STMicroelectronics Belgium N.V.  
**ASSIGNEE RESIDENCE:** Zaventem, Belgium

In connection with this application, the following are enclosed:

- XX Fee Transmittal Form  
14 Pages of Specification, Claims and Abstract  
16 Claims  
1 Sheet of Drawings (FIGS. 1-2)  
XX Unexecuted Declaration and Power of Attorney  
XX Please direct all correspondence to **Customer Number 23334**.

Respectfully submitted,

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## FEE TRANSMITTAL

Transmitted herewith for filing is the patent application of:

**INVENTOR(S):** Jan Frans Lucien CRANINCKX

**TITLE:** *LOW FREQUENCY SELF-CALIBRATION OF A PLL WITH MULTIPHASE CLOCKS*

The fee has been calculated as shown below. (Small entity fees indicated in parentheses.)

For	Number Filed		Number Extra	Rate Large (Small)	Basic Fee \$770 (\$385)
Total Claims	16	20	0	\$18 (\$9)	0
Independent Claims	3	3	0	\$86 (\$43)	0
Multiple Dependent Claims				\$290 (\$145)	0
Assignment Recording Fee				\$40	
TOTAL FEE:					\$ 770

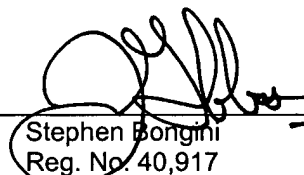
\_\_\_\_ The Commissioner is hereby authorized to charge Deposit Account No. 50-1556 in the amount of \$\_\_\_\_\_.

\_\_\_\_ The Commissioner is hereby authorized to charge payments of (1) any additional filing fees required under 37 CFR 1.16, and/or (2) any patent application processing fees under 37 CFR 1.17 associated with this application or credit any overpayment to Deposit Account No. 50-1556.

Respectfully submitted,

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